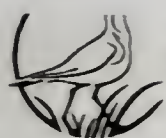
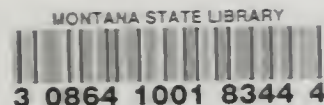


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MONTANA
**Natural Heritage
Program**

2002 List of Ecological Communities for Montana

STATE DOCUMENTS COLLECTION

MAR 17 2003

Prepared by:
Montana Natural Heritage Program
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Introduction

What types of natural vegetation exist across Montana's landscape? Where do they occur and why? Which community types are intrinsically rare or limited in distribution, and which are widespread? Which have greatly diminished in extent and may be at risk?

Answers to these questions are important to guide resource management, however these answers hinge on how we define and categorize the rich ecological diversity that is among Montana's greatest natural assets. Ecologists at the Montana Natural Heritage Program systematically collect information to help identify and understand the natural communities of Montana. They utilize a classification approach, developed in partnership with the network of Natural Heritage Programs, that is scientifically sound, consistent and flexible.

Natural communities are assemblages of species that respond similarly to climatic, soil, topographic, geological hydrologic, historical and other environmental conditions. Communities are identified primarily by unique repeating assemblages of plant species. But communities are more than the sum of their species – they also represent the myriad biological and environmental interactions that are inherently a part of each unique natural system. Thus, environmental characteristics, ecological processes and associated fauna are also used in characterizing natural communities. An underlying assumption is that vegetation is one of the best indicators of environmental characteristics.

Natural communities have great value for resource management. It is now widely agreed that managing biological resources on a species by species basis is impractical and inadequate, except for a relatively limited number of large mammals, birds and plants that are of particular value to people or in special cases where particular species are facing individual threats to their survival. However there are many thousands of species that make up our native ecosystems and play a key role in the health of those systems – soil development, pollination, breaking down organic materials into nutrients, and as links in the food chain.

Communities are increasingly used as management units that represent certain "habitats" -- assemblages of species adapted to similar conditions and processes. Thus, armed with knowledge about the diversity, composition distribution, status and ecological requirements of communities, managers can focus on these naturally-occurring assemblages of organisms to maintain the health of multitudes of species and interactions that would be impossible to manage individually.

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How To Read The List

The list is organized alphabetically by scientific name. The ranks in the list are explained below.

Heritage Program Ranks

The international network of Natural Heritage Programs employs a standardized ranking system to denote **global** (range-wide) and **state** status (Association for Biodiversity Information 2001). Once community types are identified, they are ranked based on their abundance, health and /or level of risk. Ranking helps managers determine which communities or habitat types may be most in need of attention, and can also help focus future surveys or studies to inform management. Ranks are assigned at the global (rangewide) level as well as for Montana. Through our participation in the network of Natural Heritage Programs, we have access to information about the status of communities where they extend beyond Montana's borders.

Rank	Definition
G1 S1	Critically imperiled because of extreme rarity and/or other factors making it highly vulnerable to extinction.
G2 S2I	Imperiled because of rarity and/or other factors making it vulnerable to extinction.
G3 S3	Vulnerable because of rarity or restricted range and/or other factors, even though it may be abundant at some of its locations.
G4 S4	Apparently secure, though it may be quite rare in parts of its range, especially at the periphery.
G5 S5	Demonstrably secure, though it may be quite rare in parts of its range, especially at the periphery.
GU SU	Possibly imperiled, but status uncertain; more information needed.
GA SA	Native in nearby states, but in Montana believed to be accidentally introduced, deliberately planted, or escaped from plantings.
GH SH	Historical, known only from records over 50 year ago; may be rediscovered.
GX SX	Believed to be extinct; historical records only.

Combination Ranks

G#G# or S#S#

Indicates a range of uncertainty about the rarity of the species.

Sub-rank

T# Rank of a subspecies or variety; appended to the species' global rank of the full species, e.g. G4T3.

Qualifiers

Q Taxonomic questions or problems exist, more information needed; appended to the global rank, e.g. G3Q.

? Denotes uncertainty or for numeric ranks, inexactness.

FEDERAL DESIGNATIONS

U.S. Fish and Wildlife Service Status

(U.S. Endangered Species Act)

This column indicates the status of a taxon under the federal Endangered Species Act of 1973 (16 U.S.C.A. § 1531-1543 (Supp. 1996)). Note: The *Category 2 Candidates* designation was dropped in 1996 by the USFWS, and former *Candidate 2* species no longer have any formal status under ESA. Regulatory aspects of the Endangered Species Act affect plants only when they occur on federal lands or are affected by federal actions.

- LE Listed endangered (**no Montana plants**)
- LT Listed threatened
- P Proposed endangered or threatened
- C Candidate with listing warranted but precluded

U.S. Forest Service Status

The U. S. Forest Service Manual (2670.22) defines the status of sensitive species on Forest Service lands. The Regional Forester (Northern Region) designates sensitive species on National Forests in Montana; these designations were last updated in 1999, and a full list is included on page 36. They apply only on USFS-administered lands.

- S sensitive species, subspecies or variety, for which the Regional Forester has determined there is a concern for population viability range-wide or in the region

U.S. Bureau of Land Management Status

The BLM 6840 Manual defines the status of species on Bureau of Land Management Lands. The Montana State Office of the BLM assigned these designations in 1996, and a full list is included on page 36. They apply only on BLM-administered lands.

- S sensitive species are proven imperiled in at least part of their ranges and documented to occur on BLM lands.
- W watch species are either known to be imperiled and suspected to occur on BLM lands, suspected to be imperiled and documented on BLM lands, or needing further study for other reasons.

Montana Community List 2002

Scientific Name	Common Name	Grank	Srank
<i>Abies grandis</i> / <i>Asarum caudatum</i> Forest	Grand fir / longtail wild ginger Forest	G4	S7
<i>Abies grandis</i> / <i>Athyrium filix-femina</i> Forest	Grand fir / lady fern Forest	G3Q	S2Q
<i>Abies grandis</i> / <i>Calamagrostis rubescens</i> Woodland	Grand fir / pinegrass Woodland	G4?	S2
<i>Abies grandis</i> / <i>Clintonia uniflora</i> Forest	Grand fir / queen's cup headily Forest	G5	S4
<i>Abies grandis</i> / <i>Linnaea borealis</i> Forest	Grand fir / twinflower Forest	G3	S2S3
<i>Abies grandis</i> / <i>Physocarpus malvaceus</i> Forest	Grand fir / mallow-leaf ninebark Forest	G3	S7
<i>Abies grandis</i> / <i>Senecio triangularis</i> Forest	Grand fir / arrowleaf ragwort Forest	G3	S2
<i>Abies grandis</i> / <i>Spraea betulifolia</i> Forest	Grand fir / shiny-leaf meadowsweet Forest	G2	S7
<i>Abies grandis</i> / <i>Taxus brevifolia</i> Forest	Grand fir / pacific yew Forest	G2	S1
<i>Abies grandis</i> / <i>Xerophyllum tenax</i> Forest	Grand fir / beargrass Forest	G4	S4
<i>Abies lasiocarpa</i> - <i>Acer glabrum</i> Avalanche Chute Shrubland	Subalpine fir - Rocky Mountain maple Avalanche Chute Shrubland	G5	S5
<i>Abies lasiocarpa</i> - <i>Pinus albicaulis</i> / <i>Vaccinium scoparium</i> Woodland	Subalpine fir - whitebark pine Woodland	G5?	S5
<i>Abies lasiocarpa</i> / <i>Actaea rubra</i> Forest	Subalpine fir / haneberry Forest	G4?	S2
<i>Abies lasiocarpa</i> / <i>Alnus viridis</i> ssp. <i>sinuata</i> Forest	Subalpine fir / Sitka alder Forest	G4	S4
<i>Abies lasiocarpa</i> / <i>Arnica cordifolia</i> Forest	Subalpine fir / wavy-leaf alder Forest	G5	S5
<i>Abies lasiocarpa</i> / <i>Arnica latifolia</i> Forest	Subalpine fir / broadleaf arnica Forest	G4	S3
<i>Abies lasiocarpa</i> / <i>Calamagrostis canadensis</i> Forest	Subalpine fir / bluejoint Forest	G5	S5
<i>Abies lasiocarpa</i> / <i>Calamagrostis rubescens</i> Forest	Subalpine fir / pinegrass Forest	G4G5	S3
<i>Abies lasiocarpa</i> / <i>Carex geyeri</i> Forest	Subalpine fir / Geyer's sedge Forest	G5	S3
<i>Abies lasiocarpa</i> / <i>Clematis columbiana</i> var. <i>columbiana</i> Forest	Subalpine fir / Columbia clematis Forest	G3?	S3?
<i>Abies lasiocarpa</i> / <i>Clintonia uniflora</i> Forest	Subalpine fir / bride's-bonnet Forest	G5	S5
<i>Abies lasiocarpa</i> / <i>Galium triflorum</i> Forest	Subalpine fir / sweet-scented bedstraw Forest	G4	S4
<i>Abies lasiocarpa</i> / <i>Juniperus communis</i> Woodland	Subalpine fir / common juniper Woodland	G4G5	S3
<i>Abies lasiocarpa</i> / <i>Ledum glandulosum</i> Forest	Subalpine fir / glandular labrador-tea Forest	G4	S4
<i>Abies lasiocarpa</i> / <i>Linnaea borealis</i> Forest	Subalpine fir / twinflower Forest	G5	S5
<i>Abies lasiocarpa</i> / <i>Luzula glabrata</i> var. <i>hitchcockii</i> Forest	Subalpine fir / smooth woodrush Forest	G5	S5
<i>Abies lasiocarpa</i> / <i>Menziesia ferruginea</i> Forest	Subalpine fir / fool's-huckleberry Forest	G5	S5
<i>Abies lasiocarpa</i> / <i>Oplopanax horridus</i> Forest	Subalpine fir / devil's-club Forest	G3	S2
<i>Abies lasiocarpa</i> / <i>Phyllodoce empetriformis</i> Woodland	Subalpine fir / pink mountain-heath Woodland	G4Q	S7
<i>Abies lasiocarpa</i> / <i>Rhododendron albiflorum</i> Woodland	Subalpine fir / cascade azalea Woodland	G4	S7
<i>Abies lasiocarpa</i> / <i>Ribes (montigenum, lacustre, inerme)</i> Forest	Subalpine fir / gooseberry Forest	G5	S4
<i>Abies lasiocarpa</i> / <i>Siretiopsis amplexifolia</i> Forest	Subalpine fir / claspig twisted-stalk Forest	G4	S3
<i>Abies lasiocarpa</i> / <i>Symphoricarpos albus</i> Forest	Subalpine fir / snowberry Forest	G3	S3
<i>Abies lasiocarpa</i> / <i>Thalictrum occidentale</i> Forest	Subalpine fir / western meadowrue Forest	G4	S3
<i>Abies lasiocarpa</i> / <i>Vaccinium cespitosum</i> Forest	Subalpine fir / dwarf huckleberry Forest	G5	S5
<i>Abies lasiocarpa</i> / <i>Vaccinium membranaceum</i> Rocky Mountain Forest	Subalpine fir / big huckleberry Forest	G5	S5
<i>Abies lasiocarpa</i> / <i>Vaccinium scoparium</i> Forest	Subalpine fir / grouseberry Forest	G5	S5
<i>Abies lasiocarpa</i> / <i>Xerophyllum tenax</i> Forest	Subalpine fir / beargrass Forest	G5	S5
<i>Abies lasiocarpa</i> Krummholz Shrubland	Subalpine fir Krummholz Shrubland	G4	S4

<i>Abies lasiocarpa</i> Scree Woodland	Subalpine fir Scree Slope	G5?	S5
<i>Acer glabrum</i> Avalanche Chute Shrubland	Rocky Mountain maple Avalanche Chute Shrubland	G5	S5
<i>Acer glabrum</i> Drainage Bottom Shrubland	Rocky Mountain maple Drainage Bottom Shrubland	G4?	S4
<i>Acer negundo</i> / <i>Prunus virginiana</i> Forest	Box elder / chokecherry Forest	G3	S3
<i>Agropyron cristatum</i> - (<i>Pascopyrum smithii</i> , <i>Hesperostipa comata</i>) Semi-natural Herbaceous Vegetation	Crested wheatgrass Semi-natural grassland	GW	S?
<i>Agrostis stolonifera</i> Herbaceous Vegetation	Redtop Meadow	GM	S?
<i>Alnus incana</i> - <i>Betula occidentalis</i> Shrubland	Mountain alder - water birch Shrubland	G2G3	S?
<i>Alnus incana</i> / <i>Calamagrostis canadensis</i> Shrubland	Mountain alder / bluejoint Shrubland	G3Q	S3Q
<i>Alnus incana</i> / <i>Carex</i> spp. Shrubland	Mountain alder / sedge spp. Shrubland	G3	S?
<i>Alnus incana</i> / <i>Cornus sericea</i> Shrubland	Mountain / red oster dogwood Shrubland	G3Q	S?
<i>Alnus incana</i> / <i>Equisetum arvense</i> Shrubland	Mountain alder / field horsetail Shrubland	G3	S?
<i>Alnus incana</i> Mesic Forbs Shrubland	Mountain alder / Mesic Forbs Shrubland	G3	S?
<i>Alnus incana</i> Shrubland	Mountain alder Shrubland	G?Q	S3
<i>Alnus viridis</i> ssp. <i>sinuata</i> / <i>Athyrium filix-Femina</i> Shrubland	Sitka alder / lady fern - slender woodreed Shrubland	G3G4	S?
<i>Alnus viridis</i> ssp. <i>sinuata</i> Shrubland [Provisional]	Sitka Alder Shrubland	G?Q	S2
<i>Alnus</i> spp. Avalanche Chute Shrubland	Alder Avalanche Chute Shrubland	G5	S5
<i>Amelanchier alnifolia</i> - <i>Pseudoroegneria spicata</i> Shrubland	Saskatoon serviceberry / bluebunch wheatgrass Shrubland	G3G4Q	S2?
<i>Andropogon gerardii</i> - <i>Schizachyrium scoparium</i> Western Great Plains Herbaceous Vegetation	Big bluestem - little bluestem Western Great Plains Herbaceous Vegetation	G2?	S2
<i>Andropogon hallii</i> - <i>Calamovifla longifolia</i> Herbaceous Vegetation	Sand bluestem - prairie sandreed Sand Prairie	G4G5	S?
<i>Andropogon hallii</i> - <i>Carex mops</i> ssp. <i>helioiphila</i> Herbaceous Vegetation	Sand bluestem - sun sedge Sand Prairie	G3	S3
<i>Artemisia arbuscula</i> / <i>Pseudoroegneria spicata</i> Dwarf Shrub Herbaceous Vegetation	Dwarf sagebrush / Idaho fescue Shrub Herbaceous Vegetation	G5	S3
<i>Artemisia arbuscula</i> ssp. <i>longiloba</i> / <i>Elymus lanceolatus</i> Dwarf Shrub Herbaceous Vegetation	Dwarf sagebrush / bluebunch wheatgrass Shrub Herbaceous Vegetation	G5	S3
<i>Artemisia arbuscula</i> ssp. <i>longiloba</i> / <i>Festuca idahoensis</i> Dwarf Shrub Herbaceous Vegetation	Alkali sagebrush / thickspike wheatgrass Dwarf Shrub Herbaceous Vegetation	G?	S?
<i>Artemisia arbuscula</i> ssp. <i>longiloba</i> / <i>Pseudoroegneria spicata</i> Dwarf Shrub Herbaceous Vegetation	Alkali sagebrush / Idaho fescue Shrub Herbaceous Vegetation	G3	S2
<i>Artemisia arbuscula</i> ssp. <i>longiloba</i> / <i>Pseudoroegneria spicata</i> Dwarf Shrub Herbaceous Vegetation	Alkali sagebrush / bluebunch wheatgrass Shrub Herbaceous Vegetation	G?	S?
<i>Artemisia cana</i> / <i>Elymus lanceolatus</i> - <i>Nassella viridula</i> Shrub Herbaceous Vegetation	Silver sage / thickspike wheatgrass - green needlegrass Shrub Herbaceous Vegetation		S2S3?
<i>Artemisia cana</i> / <i>Elymus trachycaulis</i> Shrub Herbaceous Vegetation	Silver sagebrush / slender wheatgrass Shrub Herbaceous Vegetation	G3?	S?
<i>Artemisia cana</i> / <i>Festuca idahoensis</i> Shrub Herbaceous Vegetation	Silver sagebrush / Idaho fescue Shrub Prairie	G1	S?
<i>Artemisia cana</i> / <i>Leymus cinereus</i> Shrubland	Silver sagebrush / basin wildrye Shrubland	G4	S4
<i>Artemisia cana</i> / <i>Pascopyrum smithii</i> Shrubland	Silver sagebrush / western wheatgrass Shrubland		S?
<i>Artemisia cana</i> / <i>Poa pratensis</i> Shrub Herbaceous Vegetation	Silver sagebrush / Kentucky bluegrass Shrub Herbaceous Vegetation	G3	S3
<i>Artemisia cana</i> ssp. <i>cana</i> / <i>Pascopyrum smithii</i> Shrub Herbaceous Vegetation	Silver sagebrush / needle-and-thread Shrub Prairie	G4	S?
<i>Artemisia cana</i> ssp. <i>viscidula</i> / <i>Festuca idahoensis</i> Shrubland	Silver sagebrush / western wheatgrass Shrub Prairie	G3	S?
<i>Artemisia longifolia</i> - <i>Calamovifla longifolia</i> Sparse Vegetation	Silver sagebrush / Idaho fescue Shrubland	G3G4	S3S4
<i>Artemisia longifolia</i> Badlands Sparse Vegetation	Long-leaved sage - prairie sandreed Sparse Vegetation	G?	S3S4
<i>Artemisia nova</i> / <i>Festuca idahoensis</i> Dwarf Shrub Herbaceous Vegetation	Longleaf wormwood Badlands Sparse Vegetation	G2?	S1S2
<i>Artemisia nova</i> / <i>Pseudoroegneria spicata</i> Dwarf Shrubland	Black sagebrush / Idaho fescue Shrub Herbaceous Vegetation	G4G5	S3
<i>Artemisia pedatifida</i> - <i>Atriplex gardneri</i> Dwarf Shrubland	Black sagebrush / bluebunch wheatgrass Dwarf-shrubland	G3?	S2
<i>Artemisia pedatifida</i> / <i>Festuca idahoensis</i> Dwarf Shrub Herbaceous Vegetation	Birdfoot sagebrush - Gardner's saltbush Shrubland	G2?	S2
<i>Artemisia pedatifida</i> / <i>Pseudoroegneria spicata</i> Dwarf Shrub Herbaceous Vegetation	Birdfoot sagebrush / Idaho fescue Shrubland	G3	S3

<i>Artemisia spinescens</i> Dwarf Shrubland	Bud sagebrush Shrubland	S7	G3G4
<i>Artemisia tridentata</i> - <i>Atriplex confertifolia</i> Shrubland	Big sagebrush - shadscale Shrubland	S4	G4
<i>Artemisia tridentata</i> / <i>Festuca campestris</i> Shrub Herbaceous Vegetation	Mountain big sagebrush / rough fescue Shrub Herbaceous Vegetation	S3	G3Q
<i>Artemisia tridentata</i> / <i>Festuca idahoensis</i> Shrub Herbaceous Vegetation	Big sagebrush / Idaho fescue Shrub Prairie -	S4?	G4Q
<i>Artemisia tridentata</i> / <i>Stipa comata</i> Shrubland	Big sagebrush / needle-and-thread Shrubland	S4	
<i>Artemisia tridentata</i> spp. <i>tridentata</i> / <i>Stipa comata</i> Shrub Herbaceous Vegetation	Basin big sagebrush / needle-and-thread Shrub Herbaceous Vegetation	S?	
<i>Artemisia tridentata</i> spp. <i>tridentata</i> / <i>Festuca idahoensis</i> Shrubland	Basin big sagebrush / Idaho fescue Shrubland	S?	G4?
<i>Artemisia tridentata</i> spp. <i>tridentata</i> / <i>Leymus cinereus</i> Shrubland	Basin big sagebrush / basin wildrye Shrubland	S1	G2
<i>Artemisia tridentata</i> spp. <i>tridentata</i> / <i>Pascopyrum smithii</i> Shrubland	Basin big sagebrush / western wheatgrass Shrubland	S3?	G3?
<i>Artemisia tridentata</i> spp. <i>tridentata</i> / <i>Pseudoroegneria spicata</i> Shrub Herbaceous Vegetation	Basin big sagebrush / bluebunch wheatgrass Shrubland	S?	G2G4
<i>Artemisia tridentata</i> spp. <i>vaseyana</i> - <i>Symphoricarpos oreophilus</i> / <i>Festuca idahoensis</i> Shrubland	Mountain big sagebrush - mountain snowberry / Idaho fescue Shrubland	S?	G4
<i>Artemisia tridentata</i> spp. <i>vaseyana</i> / <i>Bromus cernatus</i> Shrubland	Mountain big sagebrush / California brome Shrubland	S?	G4?
<i>Artemisia tridentata</i> spp. <i>vaseyana</i> / <i>Festuca campestris</i> Shrub Herbaceous Vegetation	Mountain big sagebrush / rough fescue Shrub Herbaceous Vegetation	S?	
<i>Artemisia tridentata</i> spp. <i>vaseyana</i> / <i>Festuca idahoensis</i> - <i>Elymus trachycaulis</i> Shrubland	Mountain big sagebrush / Idaho fescue - slender wheatgrass Shrubland	S?	
<i>Artemisia tridentata</i> spp. <i>vaseyana</i> / <i>Festuca idahoensis</i> Shrub Herbaceous Vegetation	Mountain big sagebrush / Idaho fescue Shrub Herbaceous Vegetation	S4	G5
<i>Artemisia tridentata</i> spp. <i>vaseyana</i> / <i>Leymus cinereus</i> Shrubland	Mountain big sagebrush / basin wildrye Shrubland	S?	G4?
<i>Artemisia tridentata</i> spp. <i>vaseyana</i> / <i>Pascopyrum smithii</i> Shrubland	Mountain big sagebrush / western wheatgrass Shrubland	S3?	G3?
<i>Artemisia tridentata</i> spp. <i>vaseyana</i> / <i>Poa pratensis</i> Shrub Herbaceous Vegetation	Mountain big sagebrush / Kentucky bluegrass Shrub Herbaceous Vegetation	S?	
<i>Artemisia tridentata</i> spp. <i>vaseyana</i> / <i>Pseudoroegneria spicata</i> Shrubland	Mountain big sagebrush / bluebunch wheatgrass Shrubland	S?	G5
<i>Artemisia tridentata</i> spp. <i>wyomingensis</i> - <i>Atriplex confertifolia</i> Shrubland	Wyoming big sagebrush - shadscale Shrubland	S3	G3G5
<i>Artemisia tridentata</i> spp. <i>wyomingensis</i> / <i>Bonteloua gracilis</i> Shrubland	Wyoming big sagebrush / blue grama Shrubland	S?	G5
<i>Artemisia tridentata</i> spp. <i>wyomingensis</i> / <i>Carex filifolia</i> Shrubland	Wyoming big sagebrush / thread-leaf sedge Shrubland	S?	G1Q
<i>Artemisia tridentata</i> spp. <i>wyomingensis</i> / <i>Elymus lanceolatus</i> ssp. <i>albicans</i> Shrubland	Wyoming big sagebrush / thickspike wheatgrass Shrubland	S4?	G4
<i>Artemisia tridentata</i> spp. <i>wyomingensis</i> / <i>Pascopyrum smithii</i> Shrub Herbaceous Vegetation	Wyoming big sagebrush / western wheatgrass Shrubland	S?	G4
<i>Artemisia tridentata</i> spp. <i>wyomingensis</i> / <i>Poa secunda</i> Shrubland	Wyoming big sagebrush / Sandberg's bluegrass Shrubland	S?	G4
<i>Artemisia tridentata</i> spp. <i>wyomingensis</i> / <i>Pseudoroegneria spicata</i> Shrub Herbaceous Vegetation	Wyoming big sagebrush / bluebunch wheatgrass Shrub Herbaceous Vegetation	S5?	G5?
<i>Artemisia tridentata</i> spp. <i>wyomingensis</i> / <i>Pseudoroegneria spicata</i> Shrubland	Wyoming big sagebrush / bluebunch wheatgrass Shrubland	S?	
<i>Artemisia tridentata</i> spp. <i>vaseyana</i> / <i>Festuca idahoensis</i> - <i>Pseudoroegneria spicata</i> Shrubland	Mountain big sagebrush / Idaho fescue - western wheatgrass Shrubland	S?	
<i>Artemisia tridentata</i> spp. <i>vaseyana</i> / <i>Festuca idahoensis</i> - <i>Stipa richardsonii</i> Shrubland	Mountain big sagebrush / Idaho fescue - bluebunch wheatgrass Shrubland	S?	
<i>Artemisia tridentata</i> spp. <i>vaseyana</i> / <i>Festuca idahoensis</i> / <i>Ceratanium viscosissimum</i> Shrubland	Mountain big sagebrush / Idaho fescue - Richardson's needlegrass Shrubland	S?	
<i>Artemisia tridentata</i> spp. <i>vayexana</i> / <i>Festuca idahoensis</i> - <i>Stipa occidentalis</i> Shrubland	Mountain big sagebrush / Idaho fescue / geranium Shrubland	S?	
<i>Artemisia tripartita</i> / <i>Elymus lanceolatus</i> Shrub Herbaceous Vegetation	Mountain big sagebrush / Idaho fescue - western needlegrass Shrubland	S?	
<i>Artemisia tripartita</i> / <i>Festuca campestris</i> Shrub Herbaceous Vegetation	Three-tip sagebrush / thickspike wheatgrass Shrub Herbaceous Vegetation	S?	
<i>Artemisia tripartita</i> / <i>Festuca idahoensis</i> Shrub Herbaceous Vegetation	Threetip sagebrush / prairie fescue Shrub Herbaceous Vegetation	S2	G2?
<i>Artemisia tripartita</i> / <i>Pseudoroegneria spicata</i> Shrub Herbaceous Vegetation	Threetip Sagebrush / Idaho Fescue Shrub Herbaceous Vegetation	S3?	G3
<i>Artemisia tripartita</i> spp. <i>tripartita</i> / <i>Hesperosipha comata</i> Shrub Herbaceous Vegetation	Threetip sagebrush / bluebunch wheatgrass Shrub Herbaceous Vegetation	S?	G2G3
<i>Atriplex confertifolia</i> / <i>Chrysothamnus nauseosus</i> Shrubland	Threetip sagebrush / needle-and-thread Shrub Herbaceous Vegetation	S?	G1
<i>Atriplex confertifolia</i> Wyoming Basins Shrubland	Shadscale / common rabbitbrush Shrubland	S3Q	G3Q
<i>Atriplex confertifolia</i> Wyoming Basins Shrubland	Shadscale Wyoming Basins Shrubland	S1S2	G5
<i>Atriplex gardneri</i> - <i>Artemisia spinescens</i> Dwarf Shrubland	Gardner's saltbush - bud sagebrush Dwarf-shrubland	S1	G2G3
<i>Atriplex gardneri</i> / <i>Artemisia tridentata</i> Dwarf Shrubland	Gardner's saltbush - big sagebrush Dwarf-shrubland	S?	G3
<i>Atriplex gardneri</i> / <i>Endoplexis dioica</i> Dwarf Shrubland	Gardner's saltbush / rillscale Dwarf Shrubland	S2?	

<i>Atriplex gardneri</i> / <i>Monolepis nuttalliana</i> Dwarf Shrubland		
<i>Atriplex gardneri</i> / <i>Oryzopsis hymenoides</i> Dwarf Shrubland		
<i>Atriplex gardneri</i> / <i>Pascopyrum smithii</i> Dwarf Shrubland		
<i>Atriplex gardneri</i> Dwarf Shrubland		
<i>Betula glandulosa</i> / <i>Carex cuscuta</i> Shrubland		
<i>Betula glandulosa</i> / <i>Carex lasiocarpa</i> Shrubland		
<i>Betula glandulosa</i> / <i>Carex utriculata</i> Shrubland		
<i>Betula occidentalis</i> - <i>Pentaphyllaides floribunda</i> Shrubland		
<i>Betula occidentalis</i> / <i>Carnus sericea</i> Shrubland		
<i>Betula occidentalis</i> Shrubland		
<i>Betula papyrifera</i> Forest		
<i>Bromus carinatus</i> - <i>Bromus anomalus</i> Herbaceous Vegetation		
<i>Bromus inermis</i> - (<i>Pascopyrum smithii</i>) Semi-natural Herbaceous Vegetation		
<i>Calamagrostis canadensis</i> Western Herbaceous Vegetation		
<i>Calamagrostis montanensis</i> Herbaceous Vegetation		
<i>Calamagrostis purpurascens</i> - <i>Carex ripensis</i> Herbaceous Vegetation		
<i>Calamovilfa longifolia</i> - <i>Carex maps</i> ssp. <i>heliophila</i> Herbaceous Vegetation		
<i>Calamovilfa longifolia</i> - <i>Stipa comata</i> Herbaceous Vegetation		
<i>Carex aperta</i> Herbaceous Vegetation		
<i>Carex aquatilis</i> - <i>Carex utriculata</i> Herbaceous Vegetation		
<i>Carex aquatilis</i> Herbaceous Vegetation		
<i>Carex altherodes</i> Herbaceous Vegetation		
<i>Carex buxbaumii</i> Herbaceous Vegetation		
<i>Carex elymoides</i> - <i>Geum rossii</i> Herbaceous Vegetation		
<i>Carex elymoides</i> Herbaceous Vegetation		
<i>Carex lanuginosa</i> - <i>Calamagrostis stricta</i> Herbaceous Vegetation		
<i>Carex lanuginosa</i> Herbaceous Vegetation		
<i>Carex lasiocarpa</i> Herbaceous Vegetation		
<i>Carex limosa</i> Herbaceous Vegetation		
<i>Carex nebrascensis</i> Herbaceous Vegetation		
<i>Carex nigricans</i> Herbaceous Vegetation		
<i>Carex praegracilis</i> Herbaceous Vegetation		
<i>Carex praestricta</i> - <i>Patentilla ovina</i> Herbaceous Vegetation		
<i>Carex saxatilis</i> Herbaceous Vegetation		
<i>Carex scirpoides</i> - <i>Geum rossii</i> Herbaceous Vegetation		
<i>Carex scirpoides</i> - <i>Patentilla diversifolia</i> Herbaceous Vegetation		
<i>Carex scapularum</i> - <i>Callith leptasepala</i> Herbaceous Vegetation		
<i>Carex scapularum</i> Herbaceous Vegetation		
<i>Carex simulata</i> Herbaceous Vegetation		
<i>Carex utriculata</i> Herbaceous Vegetation		
<i>Carex vesicaria</i> Herbaceous Vegetation		
<i>Carex</i> spp. - <i>Geum rossii</i> Herbaceous Vegetation		
Gardner's salbush / Nuttall's poverty-weed Dwarf-shrubland	G3?	S2
Gardner's salbush / Indian ricegrass Dwarf-shrubland	G3	S3
Gardner's salbush / western wheatgrass Dwarf-shrubland	G3	S3
Gardner's salbush Dwarf-shrubland	G3G5	S2S3
Bog birch / Cusick's sedge Shrubland		S3
Bog birch / slender sedge Shrubland		S4
Bog birch / beaked sedge Shrubland	G4?	S4
Water birch - shrubby cinquefoil Shrubland	G2Q	S?
Water birch / red osier dogwood Shrubland	G3?	S?
Water birch Shrubland	G3Q	S3
Paper Birch Forest	G4Q	S3?
California brome - nodding brome Herbaceous Vegetation		
Smooth brome (western wheatgrass) Semi-natural grassland	GW	S?
Bluejoint reedgrass Wet Meadow	G4	S4
Plains reedgrass Herbaceous Vegetation		S2S3?
Purple reedgrass - curly sedge Herbaceous Vegetation		S?
Prairie sandreed - sun sedge Prairie	G3	S3?
Prairie sandreed - needle-and-thread Prairie	G3	S3
Columbia sedge Wet Meadow	G1?	S?
Aquatic sedge - beaked sedge Herbaceous Vegetation	G4	S?
Aquatic sedge Wet Meadow	G5	S4
Awneed sedge wet meadow	G3G5	S3S5
Buxbaum's sedge Wet Meadow	G3	S3
Blackroot sedge - Ross' avens Herbaceous Vegetation	G4	S4
Blackroot sedge Herbaceous Vegetation	G4	S4
Woolly sedge - western bluejoint Herbaceous Vegetation	G3G5	S3?
Woolly sedge Herbaceous Vegetation	G3	S?
Slender sedge Herbaceous Vegetation	G4?	S4
Mud sedge Herbaceous Vegetation	G2	S2
Nebraska sedge Wet Meadow	G4	S4
Black alpine sedge Herbaceous Vegetation	G4	S3
Clustered field sedge Herbaceous Vegetation	G3G4	S3S4
Curly sedge - sheep cinquefoil Herbaceous Vegetation	G4	S4
Russet sedge Herbaceous Vegetation	G3	S3
Spike sedge - Ross' avens Herbaceous Vegetation	G4	S4
Single spike sedge - mountain meadow cinquefoil Herbaceous Vegetation	G3?	S2
Holm's Rocky Mountain sedge - marsh-marigold Herbaceous Vegetation	G4	S3
Holm's Rocky Mountain sedge Herbaceous Vegetation	G5	S4
Analogue sedge Herbaceous Vegetation	G4	S3
Beaked sedge Wet Meadow	G5	S5
Inflated sedge Herbaceous Vegetation	G4Q	S4
Sedge species - Ross' avens Herbaceous Vegetation	G4Q	S4Q

<i>Cassiope mertensiana</i> / <i>Carex paysonis</i> Dwarf Shrubland			
<i>Cercocarpus ledifolius</i> / <i>Festuca idahoensis</i> Woodland			
<i>Cercocarpus ledifolius</i> / <i>Pseudoroegneria spicata</i> Shrubland			
<i>Chrysothamnus nauseosus</i> / <i>Pseudoroegneria spicata</i> Shrubland			
<i>Chrysothamnus viscidiflorus</i> / <i>Stipa comata</i> Shrub Herbaceous Vegetation			
<i>Cornus sericea</i> / <i>Gadum triflorum</i> Shrubland			
<i>Cornus sericea</i> Shrubland [Provisional]			
<i>Crataegus douglasii</i> Shrubland			
<i>Crataegus succulenta</i> Shrubland [Provisional]			
<i>Dasiphora fruticosa</i> ssp. <i>floribunda</i> / <i>Carex</i> spp. Shrubland			
<i>Dasiphora fruticosa</i> ssp. <i>floribunda</i> / <i>Juncus balticus</i> Shrub Herbaceous Vegetation			
<i>Deschampsia cespitosa</i> - <i>Caltha leptosepala</i> Herbaceous Vegetation			
<i>Deschampsia cespitosa</i> - <i>Carex</i> spp. Herbaceous Vegetation			
<i>Deschampsia cespitosa</i> - <i>Potentilla diversifolia</i> Herbaceous Vegetation			
<i>Deschampsia cespitosa</i> Herbaceous Vegetation			
<i>Distichlis spicata</i> - <i>Hordeum jubatum</i> - <i>Puccinellia nuttalliana</i> - <i>Suaeda calcealiformis</i> Herbaceous Vegetation			
<i>Distichlis spicata</i> Herbaceous Vegetation			
<i>Dryas integrifolia</i> - <i>Carex</i> spp. Dwarf Shrub Herbaceous Vegetation			
<i>Dryas octopetala</i> - <i>Carex rupestris</i> Dwarf Shrub Herbaceous Vegetation			
<i>Dryas octopetala</i> - <i>Carex</i> spp. Dwarf Shrub Herbaceous Vegetation			
<i>Dryas octopetala</i> - <i>Polygonum viviparum</i> Dwarf Shrub Herbaceous Vegetation			
<i>Dulichium arundinaceum</i> Seasonally Flooded Herbaceous Vegetation			
<i>Elaeagnus commutata</i> / <i>Pascopyrum smithii</i> Shrubland			
<i>Elaeagnus commutata</i> Shrubland			
<i>Eleocharis palustris</i> Herbaceous Vegetation			
<i>Eleocharis quinqueflora</i> Herbaceous Vegetation			
<i>Eleocharis rostellata</i> Herbaceous Vegetation			
<i>Elymus elymoides</i> Herbaceous Vegetation			
<i>Elymus lanceolatus</i> - (<i>Koeleria macrantha</i>) Herbaceous Vegetation			
<i>Elymus lanceolatus</i> - <i>Elymus trachycaulus</i> Herbaceous Vegetation			
<i>Elymus lanceolatus</i> - <i>Hesperostipa comata</i> Northern Great Plains Herbaceous Vegetation			
<i>Elymus lanceolatus</i> - <i>Koeleria macrantha</i> Herbaceous Vegetation			
<i>Elymus lanceolatus</i> - <i>Phacelia hastata</i> Herbaceous Vegetation			
<i>Elymus lanceolatus</i> - <i>Nassella viridula</i> Herbaceous Vegetation			
<i>Elymus trachycaulus</i> - <i>Distichlis stricta</i> Herbaceous Vegetation			
<i>Elymus trachycaulus</i> - <i>Nassella viridula</i> Herbaceous Vegetation			
<i>Equisetum fluviatile</i> Herbaceous Vegetation			
<i>Eriogonum pauciflorum</i> - <i>Gutierrezia sarothrae</i> Badlands Sparse Vegetation			
<i>Euphorbia esula</i> Herbaceous Vegetation			
<i>Festuca campestris</i> - <i>Festuca idahoensis</i> - <i>Stipa richardsonii</i> Herbaceous Vegetation			
<i>Festuca campestris</i> - <i>Festuca idahoensis</i> Herbaceous Vegetation			
Western moss heather / Payson's sedge Dwarf-shrubland	G3?		S3
Curl-leaf mountain mahogany / Idaho fescue Woodland	G3		S2
Curl-leaf mountain mahogany / bluebunch wheatgrass Shrubland	G4Q		S4
Common rabbitbrush / bluebunch wheatgrass Shrubland	G3Q		S3Q
Green rabbitbrush / needle-and-thread Shrub Herbaceous Vegetation			S?
Red osier dogwood / sweet-scented hedstraw Shrubland	G3?		S?
Red osier dogwood Shrubland	G4Q		S3
Black hawthorn Shrubland	G2Q		S2
Succulent hawthorn Shrubland	G3G4Q		S3S4
Shrubby cinquefoil / sedge spp. Shrubland	G3?		S3
Shrubby cinquefoil / Baltic rush Shrub Herbaceous Vegetation			S?
Tufted hairgrass - marsh-marigold Wet Meadow	G4		S3
Tufted hairgrass / sedge Meadow	G4Q		S4Q
Tufted hairgrass - mountain meadow cinquefoil Herbaceous Vegetation	G5		S2
Tufted hairgrass Meadow	G4		S4
Saltgrass - foxtail barley - Nuttall's alkali grass - seablite Herbaceous Vegetation	G2G3		S?
Inland saltgrass Saline Prairie	G5		S4
White mountain-avens - sedge spp. Dwarf-shrub Herbaceous Vegetation	G3Q		S3
Eight-petal mountain-avens - curly sedge Dwarf shrub Herbaceous Vegetation	G4		S3
Eight-petal Mountain-avens - sedge spp. Dwarf-shrub Herbaceous Vegetation	G3?		S3?
Eight-petal mountain-avens - serpent-grass Dwarf-shrub Herbaceous Vegetation	G3?		S2
Threeway sedge Seasonally Flooded Herbaceous Vegetation	G3		S2
American silverberry / western wheatgrass Shrubland	G3?		S2
Silverberry Shrubland	G2Q		S2?
Creeping spikerush Wet Meadow	G5		S5
Few-flower spikerush Herbaceous Vegetation	G4		S3
Beaked spikerush Herbaceous Vegetation			S?
Bottlebrush squirreltail Herbaceous Vegetation			S?
Thickspike wheatgrass - (prairie junegrass) Herbaceous Vegetation			S?
Thickspike wheatgrass - slender wheatgrass Herbaceous Vegetation			S2S3?
Thickspike wheatgrass - needle-and-thread Northern Great Plains Herbaceous Vegetation			S3?
Thickspike wheatgrass - prairie junegrass Herbaceous Vegetation			S2S3?
Thickspike wheatgrass - silverleaf phacelia Herbaceous Vegetation	G?		S2
Thickspike wheatgrass - green needlegrass Herbaceous Vegetation	G2		S3S4?
Slender wheatgrass - saltgrass Herbaceous Vegetation			S?
Slender wheatgrass - green needlegrass Herbaceous Vegetation			S1S3?
Water horsetail Marsh			S4
Wild buckwheat - snakeweed Badlands Sparse Vegetation	G4G5		S?
Leafy spurge Herbaceous Vegetation	GW		S?
Rough fescue - Idaho fescue - Richardson's needlegrass Herbaceous Vegetation			S?
Rough fescue - Idaho fescue Mixedgrass Prairie	G3		S3

Festuca campestris - *Pseudoroegneria spicata* Herbaceous Vegetation
Festuca campestris Herbaceous Vegetation
Festuca idahoensis - *Carex filifolia* Herbaceous Vegetation
Festuca idahoensis - *Carex inops* ssp *heliophila* Herbaceous Vegetation
Festuca idahoensis - *Carex obtusata* Herbaceous Vegetation
Festuca idahoensis - *Carex scarpoides* Herbaceous Vegetation
Festuca idahoensis - *Danthonia intermedia* Herbaceous Vegetation
Festuca idahoensis - *Deschampsia cespitosa* Herbaceous Vegetation
Festuca idahoensis - *Elymus trachycaulis* Herbaceous Vegetation
Festuca idahoensis - *Festuca kingii* Herbaceous Vegetation
Festuca idahoensis - *Pascopyrum smithii* Herbaceous Vegetation
Festuca idahoensis - *Patentia diversifolia* Herbaceous Vegetation
Festuca idahoensis - *Pseudoroegneria spicata* Herbaceous Vegetation
Festuca idahoensis - *Stipa richardsonii* Herbaceous Vegetation
Festuca idahoensis Herbaceous Vegetation
Festuca kingii - *Oxytropis campestris* Herbaceous Vegetation
Festuca kingii Herbaceous Vegetation
Fraxinus pennsylvanica - *Ulmus americana* / *Prunus virginiana* Woodland
Fraxinus pennsylvanica / *Prunus virginiana* Forest
Geum rossii - *Minuartia obtusiloba* Herbaceous Vegetation
Glyceria borealis Herbaceous Vegetation
Glycyrrhiza lepidota Herbaceous Vegetation
Hieracium maximum - *Rudbeckia occidentalis* Herbaceous Vegetation
Hesperostipa curtieta - (*Elymus lanceolatus*) Herbaceous Vegetation
Hesperostipa curtieta - *Elymus lanceolatus* Herbaceous Vegetation
Hordeum jubatum Herbaceous Vegetation
Juncus balticus - *Carex praegracilis* Herbaceous Vegetation
Juncus balticus Herbaceous Vegetation
Juncus drummondii - *Antennaria lanata* Herbaceous Vegetation
Juncus parryi - *Erigeron ursinus* Herbaceous Vegetation
Juniperus horizontalis / *Calamovilfa longifolia* Dwarf Shrubland
Juniperus horizontalis / *Carex inops* ssp *heliophila* Dwarf Shrubland
Juniperus horizontalis / *Elymus lanceolatus* Dwarf Shrubland
Juniperus horizontalis / *Elymus trachycaulis* Dwarf Shrubland
Juniperus horizontalis / *Juncus balticus* Dwarf Shrubland
Juniperus horizontalis / *Schizachyrium scoparium* Dwarf-shrubland
Juniperus horizontalis / *Stipa curtieta* - (*Elymus lanceolatus*) Dwarf Shrubland
Juniperus osteosperma / *Artemisia tridentata* Woodland
Juniperus osteosperma / *Cercocarpus ledifolius* Woodland
Juniperus osteosperma / *Pseudoroegneria spicata* Woodland
Juniperus scopulorum / *Artemisia nova* Woodland
Juniperus scopulorum / *Artemisia tridentata* Woodland

Altia fescue - bluebunch wheatgrass Mixedgrass Prairie
 Rough fescue Herbaceous Vegetation
 Idaho fescue - thread-leaf sedge Meadow
 Idaho fescue - sun sedge Mixedgrass Prairie
 Idaho fescue - blunt sedge Herbaceous Vegetation
 Idaho fescue - single-spike sedge Meadow
 Lodgepole pine / timber oatgrass Forest
 Idaho fescue - tufted hairgrass Meadow
 Idaho fescue - slender wheatgrass Mixedgrass Prairie
 Idaho fescue - spike fescue Herbaceous Vegetation
 Idaho fescue - western wheatgrass Mixedgrass Prairie
 Idaho fescue - mountain meadow cinquefoil Herbaceous Vegetation
 Idaho fescue - bluebunch wheatgrass Mixedgrass
 Idaho fescue - Richardson's needlegrass Herbaceous Vegetation
 Idaho fescue Herbaceous Vegetation
 Spike fescue - cold mountain crazyweed Herbaceous Vegetation
 Spike fescue Herbaceous Vegetation
 Green ash - American elm Woody Draw
 Green ash / chokecherry Forest
 Ross' avens - alpine stitchwort Herbaceous Vegetation
 Northern mannagrass Wet Meadow
 America licorice Herbaceous Vegetation
 Cow-parsnip - western coneflower Herbaceous Vegetation
 Western porcupine grass - (thickspike wheatgrass) Herbaceous Vegetation
 Western porcupine grass - thickspike wheatgrass Herbaceous Vegetation
 Foxtail barley Meadow
 Baltic rush - clustered field sedge Herbaceous Vegetation
 Baltic rush Wet Meadow
 Drummond's rush - woolly pussytoes Herbaceous Vegetation
 Parry's rush - Bear River fleabane Herbaceous Vegetation
 Creeping juniper / prairie reedgrass Dwarf Shrubland
 Creeping juniper / sun sedge Dwarf-shrubland
 Creeping juniper / thickspike wheatgrass Dwarf Shrubland
 Creeping juniper / slender wheatgrass Dwarf Shrubland
 Creeping juniper / baltic rush Dwarf Shrubland
 Creeping juniper / little bluestem Dwarf-shrubland
 Creeping juniper / porcupine-grass (thickspike wheatgrass) Dwarf Shrubland
 Utah juniper / basin big sagebrush Woodland
 Utah juniper / curl-leaf mountain-mahogany Woodland
 Utah juniper / bluebunch wheatgrass Woodland
 Rocky Mountain juniper / black sagebrush Woodland
 Rocky Mountain juniper / big sagebrush Woodland

G4
 G3Q
 G3
 G3
 G3Q
 G2Q
 S?
 S?
 S3
 G4
 G2?
 G4
 G3
 G4
 G3
 G3Q
 G3?
 S2
 S?
 G3Q
 G3Q
 G3Q
 G3?
 S1Q
 S2S3
 S3
 S3
 S?
 S?
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 S2S3?
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 S2S3?
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 S3?
 G4
 S2
 S2
 S2?
 G3Q

<i>Juniperus scopulorum</i> / <i>Cercocarpus ledifolius</i> Woodland	Rocky Mountain Juniper / curl-leaf mountain-mahogany Woodland	G3?	S3?
<i>Juniperus scopulorum</i> / <i>Cercocarpus montanus</i> Woodland	Rocky Mountain juniper / mountain mahogany Woodland	G2	S?
<i>Juniperus scopulorum</i> / <i>Carnus sericea</i> Woodland	Rocky Mountain juniper / red osier dogwood Woodland	G4	S4
<i>Juniperus scopulorum</i> / <i>Elymus lanceolatus</i> Woodland	Rocky Mountain juniper / thickspike wheatgrass Woodland		S?
<i>Juniperus scopulorum</i> / <i>Oryzopsis microantha</i> Woodland	Rocky Mountain juniper / little-seed ricegrass Woodland	G3G4	S3
<i>Juniperus scopulorum</i> / <i>Pseudoroegneria spicata</i> Woodland	Rocky Mountain juniper / bluebunch wheatgrass Woodland	G4	S4
<i>Kalmia microphylla</i> / <i>Carex scopulorum</i> Dwarf Shrubland	Alpine laurel / Holm's Rocky Mountain sedge Dwarf-shrubland	G3G4	S3
<i>Krascheninnikovia lanata</i> / <i>Phlox</i> spp. Dwarf Shrubland	Winter fat / phlox Dwarf-shrub Prairie	G3Q	S3Q
<i>Krascheninnikovia lanata</i> / <i>Stipa comata</i> Dwarf Shrubland	Winter fat / needle-and-thread Dwarf-shrub Prairie	G3	S3
<i>Larix hyalii</i> - <i>Abies lasiocarpa</i> Forest	Subalpine larch - subalpine fir Forest	G4	S4
<i>Larix hyalii</i> / <i>Luzula glabrata</i> var. <i>hitchcockii</i> Woodland	Subalpine larch / grouseberry / smooth woodrush Woodland	G2G3	S?
<i>Larix hyalii</i> Woodland	Subalpine larch Woodland	G3Q	S3
<i>Larix occidentalis</i> Forest [Provisional]	Western larch Forest	G4Q	S4
<i>Leymus cinereus</i> - <i>Puccinellia nuttalliana</i> Herbaceous Vegetation	Basin wildrye - Nuttall's alkaligrass Herbaceous Vegetation		S?
<i>Leymus cinereus</i> - <i>Pascopyrum smithii</i> Herbaceous Vegetation	Basin wild rye / western wheatgrass Tallgrass Prairie	G3Q	S3?
<i>Leymus cinereus</i> Herbaceous Vegetation	Basin wild rye Tallgrass Herbaceous Vegetation	G2G3Q	S2
<i>Muhlenbergia cuspidata</i> - <i>Bouteloua gracilis</i> Herbaceous Vegetation	Sideoat grama - blue grama Herbaceous Vegetation		S2S3?
<i>Nyphar lutea</i> ssp. <i>polysepala</i> Herbaceous Vegetation	Yellow pondlily Herbaceous Vegetation	G5	S?
<i>Oryzopsis hymenoides</i> - <i>Psoraleidium lanceolatum</i> Herbaceous Vegetation	Indian ricegrass - lemon scurf-pea Mixedgrass Prairie	G3Q	S?
<i>Panicum virgatum</i> - <i>Muhlenbergia richardsonis</i> - (<i>Schizachyrium scoparium</i>) Herbaceous Vegetation	Switchgrass - mat muhly Herbaceous Vegetation		S?
<i>Panicum virgatum</i> Herbaceous Vegetation [Provisional]	Switchgrass - (western wheatgrass) Herbaceous Vegetation	G2Q	S2Q
<i>Pascopyrum smithii</i> - (<i>Carex duruscula</i>) Herbaceous Vegetation	Western wheatgrass - (narrow-leaved sedge) Herbaceous Vegetation		S3?
<i>Pascopyrum smithii</i> - <i>Carex filifolia</i> Herbaceous Vegetation	Western wheatgrass - blue grama - threadleaf sedge Herbaceous Vegetation	G4	S4
<i>Pascopyrum smithii</i> - <i>Bouteloua gracilis</i> Northern Plains Herbaceous Vegetation	Western wheatgrass - blue grama Northern Plains Herbaceous Vegetation		S5?
<i>Pascopyrum smithii</i> - <i>Distichlis spicata</i> Herbaceous Vegetation	Western wheatgrass - saltgrass Saline Prairie	G4	S?
<i>Pascopyrum smithii</i> - <i>Eleocharis</i> spp. Herbaceous Vegetation	Western wheatgrass - spikerush spp. Mixedgrass Prairie	G1	S?
<i>Pascopyrum smithii</i> - <i>Hesperostipa comata</i> Northern Plains Herbaceous Vegetation	Western wheatgrass - needle-and-thread Northern Plains Herbaceous Vegetation		S4?
<i>Pascopyrum smithii</i> - <i>Nassella viridula</i> Herbaceous Vegetation	Western wheatgrass - green needlegrass Mixedgrass	G3G4	S4
<i>Pascopyrum smithii</i> - <i>Poa secunda</i> Herbaceous Vegetation	Western wheatgrass - sandberg's bluegrass Herbaceous Vegetation		S2S3?
<i>Pascopyrum smithii</i> - <i>Hordeum jubatum</i> Herbaceous Vegetation	Western wheatgrass - foxtail barley Saline Prairie	G4	S?
<i>Pascopyrum smithii</i> Herbaceous Vegetation [Provisional]	Western wheatgrass Mixedgrass Prairie	G3G5Q	S4
<i>Pentaphylloides floribunda</i> / <i>Carex utricularia</i> Shrubland	Shrubby cinquefoil / beaked sedge Shrubland		S?
<i>Pentaphylloides floribunda</i> / <i>Deschampsia cespitosa</i> Shrubland	Shrubby cinquefoil / tufted hairgrass Shrub Prairie	G4	S4
<i>Pentaphylloides floribunda</i> / <i>Festuca campestris</i> Shrub Herbaceous Vegetation	Shrubby cinquefoil / prairie fescue Shrub Herbaceous Vegetation	G4	S3
<i>Pentaphylloides floribunda</i> / <i>Festuca idahoensis</i> Shrub Herbaceous Vegetation	Shrubby cinquefoil / Idaho fescue Shrub Herbaceous Vegetation	G4	S2S3
<i>Pentaphylloides floribunda</i> / <i>Potentilla ovina</i> Shrubland	Shrubby cinquefoil / sheep cinquefoil Shrubland		S?
<i>Pentaphylloides floribunda</i> / <i>Stipa curtieta</i> Shrubland	Shrubby cinquefoil / western porcupine grass Shrubland		S?
<i>Phalaris arundinacea</i> Western Herbaceous Vegetation	Reed canary-grass Wet Meadow	G5	S4
<i>Phleum alpinum</i> - <i>Carex microptera</i> Herbaceous Vegetation	Mountain timothy - small-wing sedge Herbaceous Vegetation	G2Q	S?
<i>Phragmites australis</i> Temperate Herbaceous Vegetation	Western reed Marsh	G5	S2
<i>Phyllodoce empetriformis</i> / <i>Antennaria lanata</i> Dwarf Shrubland	Pink mountain-heath / woolly pussytoes Dwarf-shrubland	G3?	S3
<i>Picea (engelmannii) X glauca, engelmannii</i> / <i>Carex disperma</i> Forest	Engelmann's spruce / softleaf sedge Forest	G2Q	S2?

<i>Picea (engelmannii X glauca, engelmannii) / Clintonia uniflora</i> Forest			
<i>Picea (engelmannii X glauca, engelmannii) / Equisetum arvense</i> Forest			
<i>Picea (engelmannii X glauca, engelmannii) / Galium triflorum</i> Forest			
<i>Picea (engelmannii X glauca, engelmannii) / Juniperus communis</i> Forest			
<i>Picea (engelmannii X glauca, engelmannii) / Lysichiton americanus</i> Forest			
<i>Picea (engelmannii X glauca, engelmannii) / Matantheum stellatum</i> Forest			
<i>Picea (engelmannii X glauca, engelmannii) / Senecio streptanthifolius</i> Forest			
<i>Picea (engelmannii X glauca, engelmannii) / Vaccinium cespitosum</i> Forest			
<i>Picea engelmannii / Calamagrostis canadensis</i> Forest			
<i>Picea engelmannii / Caltha leptosepala</i> Forest			
<i>Picea engelmannii / Carex disperma</i> Forest			
<i>Picea engelmannii / Cornus sericea</i> Woodland			
<i>Picea engelmannii / Equisetum arvense</i> Forest			
<i>Picea engelmannii / Galium triflorum</i> Forest			
<i>Picea engelmannii / Hymnum revolutum</i> Forest			
<i>Picea engelmannii / Linnaea borealis</i> Forest			
<i>Picea engelmannii / Physocarpus malvaceus</i> Forest			
<i>Picea engelmannii / Vaccinium scoparium</i> Forest			
<i>Pinus albicaulis - Abies lasiocarpa</i> Woodland [Provisional]			
<i>Pinus albicaulis / Carex geyeri</i> Woodland			
<i>Pinus albicaulis / Carex rossii</i> Forest			
<i>Pinus albicaulis / Festuca idahoensis</i> Woodland			
<i>Pinus albicaulis / Juniperus communis</i> Woodland			
<i>Pinus albicaulis / Vaccinium scoparium</i> Forest			
<i>Pinus albicaulis</i> Woodland [Provisional]			
<i>Pinus contorta / Arctostaphylos uva-ursi</i> Forest			
<i>Pinus contorta / Arnica cordifolia</i> Forest			
<i>Pinus contorta / Calamagrostis rubescens</i> Forest			
<i>Pinus contorta / Carex geyeri</i> Forest			
<i>Pinus contorta / Carex rossii</i> Forest			
<i>Pinus contorta / Ceanothus velutinus</i> Forest			
<i>Pinus contorta / Juniperus communis</i> Woodland			
<i>Pinus contorta / Linnaea borealis</i> Forest			
<i>Pinus contorta / Purshia tridentata</i> Woodland			
<i>Pinus contorta / Shepherdia canadensis</i> Forest			
<i>Pinus contorta / Spraea betulifolia</i> Forest			
<i>Pinus contorta / Vaccinium cespitosum</i> Forest			
<i>Pinus contorta / Vaccinium membranaceum</i> Rocky Mountain Forest			
<i>Pinus contorta / Vaccinium scoparium</i> Forest			
<i>Pinus contorta / Xerophyllum tenax</i> Forest			
<i>Pinus contorta</i> Scree Woodland			
<i>Pinus flexilis / Cercocarpus ledifolius</i> Woodland			
Engelmann's spruce / queen's cup beadlily Forest	G4		S4
Engelmann spruce / common horsetail Forest	G4		S4
Spruce / sweet-scented bedstraw Forest	G4		S4
Engelmann spruce / common juniper Forest	G2Q		S2
Engelmann spruce / yellow skunk cabbage Forest	G2		S2
Engelmann spruce / false Solomon's-seal Forest	G4?		S3
Engelmann spruce / cleft-leaf groundsel Forest	G4		S4
Engelmann spruce / dwarf huckleberry Forest	G4		S4
Engelmann spruce / bluejoint Forest	G4		S4
Engelmann spruce / marsh-marigold Forest	G3?		S?
Engelmann spruce / softleaf sedge Forest	G2		S?
Engelmann spruce / red-osier dogwood Woodland	G3		S3
Engelmann spruce / field horsetail Forest	G4		S2
Engelmann spruce / sweet-scented bedstraw Forest	G4		S?
Engelmann spruce / revolute hypnum Moss Forest	G3		S?
Engelmann spruce / twinflower Forest	G4		S4
Engelmann spruce / mallow-leaf ninebark Forest	G3		S3
Engelmann spruce / grouseberry Forest	G3G5		S?
Whitebark pine - subalpine fir Woodland	G5?		S5
Whitebark pine / Geyer's sedge Woodland	G2G3		S1
Whitebark pine / Ross' sedge Forest	G3?		S?
Whitebark pine / Idaho fescue Woodland	G4		S4
Whitebark pine / common juniper Woodland	G4?		S?
Whitebark pine / grouseberry Forest	G4		S3
Whitebark pine Woodland	G5?		S5
Lodgepole pine / kinikunnick Forest	G5		S?
Lodgepole pine / heart-leaf amica Forest	G4?		S3?
Lodgepole pine / pinegrass Forest	G5		S5
Lodgepole pine / Geyer's sedge Forest	G4?		S?
Lodgepole pine / Ross' sedge Forest	G5		S?
Lodgepole pine / tobacco-brush Forest	G4		S3
Lodgepole pine / common juniper Woodland	G5		S3
Lodgepole pine / heart-leaf amica Forest	G5		S5
Lodgepole pine / bitterbrush Woodland	G3		S3
Lodgepole pine / russet buffaloberry Forest	G3G4		S?
Lodgepole pine / birchleaf spiraea Forest	G3G4		S?
Lodgepole pine / dwarf huckleberry Forest	G5		S5
Lodgepole pine / big huckleberry Rocky Mountain Forest	G3G4		S?
Lodgepole pine / grouseberry Forest	G5		S5
Lodgepole pine / beargrass Forest	G5		S4
Lodgepole pine Scree Woodland	G5?		S5Q
Lumber pine / curl-leaf mountain mahogany Woodland	G4		S3

<i>Pinus flexilis</i> / <i>Festuca campestris</i> Woodland			
<i>Pinus flexilis</i> / <i>Festuca idahoensis</i> Woodland			
<i>Pinus flexilis</i> / <i>Festuca kingii</i> Woodland			
<i>Pinus flexilis</i> / <i>Juniperus communis</i> Woodland			
<i>Pinus flexilis</i> / <i>Juniperus osteosperma</i> Woodland			
<i>Pinus flexilis</i> / <i>Juniperus scopulorum</i> Woodland			
<i>Pinus flexilis</i> / <i>Pseudotsuga spicata</i> Woodland			
<i>Pinus flexilis</i> Scree Woodland			
<i>Pinus monticola</i> / <i>Clintonia uniflora</i> Forest			
<i>Pinus ponderosa</i> - <i>Juniperus scopulorum</i> / <i>Carex mops</i> ssp. <i>heliothila</i> Woodland			
<i>Pinus ponderosa</i> / (<i>Andropogon gerardii</i> , <i>Schizachyrium scoparium</i>) Woodland			
<i>Pinus ponderosa</i> / <i>Ancylanthus alnifolia</i> Woodland			
<i>Pinus ponderosa</i> / <i>Arctostaphylos uva-ursi</i> Woodland			
<i>Pinus ponderosa</i> / <i>Carex geyeri</i> Woodland			
<i>Pinus ponderosa</i> / <i>Carex mops</i> ssp. <i>heliothila</i> Woodland			
<i>Pinus ponderosa</i> / <i>Cornus sericea</i> Woodland			
<i>Pinus ponderosa</i> / <i>Crataegus douglasii</i> Woodland			
<i>Pinus ponderosa</i> / <i>Festuca campestris</i> Woodland			
<i>Pinus ponderosa</i> / <i>Festuca idahoensis</i> Woodland			
<i>Pinus ponderosa</i> / <i>Juniperus communis</i> Woodland			
<i>Pinus ponderosa</i> / <i>Juniperus horizontalis</i> Woodland			
<i>Pinus ponderosa</i> / <i>Juniperus scopularum</i> Woodland			
<i>Pinus ponderosa</i> / <i>Mahonia repens</i> Forest			
<i>Pinus ponderosa</i> / <i>Physocarpus malvaceus</i> Forest			
<i>Pinus ponderosa</i> / <i>Prunus virginiana</i> Forest			
<i>Pinus ponderosa</i> / <i>Pseudotsuga spicata</i> Woodland			
<i>Pinus ponderosa</i> / <i>Purshia tridentata</i> / <i>Festuca idahoensis</i> Woodland			
<i>Pinus ponderosa</i> / <i>Purshia tridentata</i> / <i>Pseudotsuga spicata</i> Woodland			
<i>Pinus ponderosa</i> / <i>Purshia tridentata</i> Woodland			
<i>Pinus ponderosa</i> / <i>Quercus macrocarpa</i> Woodland			
<i>Pinus ponderosa</i> / <i>Schizachyrium scoparium</i> Woodland			
<i>Pinus ponderosa</i> / <i>Symphoricarpos albus</i> Forest			
<i>Pinus ponderosa</i> / <i>Symphoricarpos occidentalis</i> Forest			
<i>Pinus ponderosa</i> Scree Woodland			
<i>Poa juncifolia</i> Herbaceous Vegetation			
<i>Poa palustris</i> Herbaceous Vegetation			
<i>Poa pratensis</i> - (<i>Pascopyrum smithii</i>) Semi-natural Herbaceous Vegetation			
<i>Poa secunda</i> - <i>Koeleria macrantha</i> Herbaceous Vegetation			
<i>Polygonum amphipodium</i> Herbaceous Vegetation [Provisional]			
<i>Populus angustifolia</i> Mesic Graminoid Forest			
<i>Populus angustifolia</i> / <i>Cornus sericea</i> Woodland			
Limber pine / rough fescue Woodland	G3		S3
Limber pine / Idaho fescue Woodland	G5		S5
Limber pine / spike fescue Woodland	G3		S3
Limber pine / common juniper Woodland	G5		S4
Limber pine / Utah juniper Woodland	G3		S3
Limber pine / Rocky Mountain juniper Woodland	G3		S3
Limber pine / bluebunch wheatgrass Woodland	G4?		S4
Limber pine Scree Slope	G3Q		S3
Western white pine / queen's cup beadlily Forest	G1Q		S?
Ponderosa pine - Rocky Mountain juniper / sun sedge Woodland			S?
Ponderosa pine / big bluestem Woodland	G2Q		S2
Ponderosa pine / serviceberry Woodland	G2		S2
Ponderosa pine / Kinikinnick Woodland	G4		S3
Ponderosa pine / elk sedge Forest	G3G4		S?
Ponderosa pine / sun sedge Woodland	G3G4		S3S4
Ponderosa pine / red osier dogwood Wetland Woodland	G3		S3
Ponderosa pine / black hawthorn Woodland	G1		S?
Ponderosa pine / rough fescue Forest	G3G4		S3
Ponderosa pine / Idaho fescue Woodland	G4		S4
Ponderosa pine / common juniper Woodland	G4?		S3
Ponderosa pine / creeping juniper Woodland	G3?		S3
Ponderosa pine / Rocky Mountain juniper Woodland	G4		S4
Ponderosa pine / Oregon grape Forest	G3Q		S3
Ponderosa pine / mallow-leaf ninebark Forest	G2		S2
Ponderosa pine / chokecherry Forest	G3		S4
Ponderosa pine / bluebunch wheatgrass Woodland	G4		S4
Ponderosa pine / bitterbrush / Idaho fescue Woodland	G3		S1
Ponderosa pine / bitterbrush / bluebunch wheatgrass Woodland	G3		S?
Ponderosa pine / bitterbrush Woodland	G3G5		S3
Ponderosa pine / bur oak Woodland	G3		S?
Ponderosa pine / little bluestem Woodland	G3G4		S2?
Ponderosa pine / snowberry Forest	G4?		S4
Ponderosa pine / western snowberry Forest	G3		S3
Ponderosa pine Scree Woodland	G4		S4Q
Sandberg's bluegrass Herbaceous Vegetation	G4?		S?
Fowl bluegrass Mixedgrass Prairie	GW		S4
Kentucky bluegrass (western wheatgrass) Semi-natural grassland	GW		S?
Kentucky bluegrass Semi-natural Seasonally Flooded Herbaceous Vegetation	GW		SW
Sandberg's bluegrass - prairie junegrass Herbaceous Vegetation			S2S3?
Water smartweed Wetland	G5		S?
Narrowleaf cottonwood / Mesic Graminoid Forest			SW
Narrowleaf cottonwood / red osier dogwood Forest	G4		S3

<i>Populus angustifolia</i> / <i>Rhus trilobata</i> Woodland		
<i>Populus angustifolia</i> / <i>Symphoricarpos occidentalis</i> Forest		
<i>Populus angustifolia</i> Recent Alluvial Bar Forest		
<i>Populus balsamifera</i> ssp. <i>trichocarpa</i> / <i>Betula papyrifera</i> Forest		
<i>Populus balsamifera</i> ssp. <i>trichocarpa</i> / <i>Cornus sericea</i> Forest		
<i>Populus balsamifera</i> ssp. <i>trichocarpa</i> / <i>Symphoricarpos albus</i> Forest		
<i>Populus balsamifera</i> ssp. <i>trichocarpa</i> / Recent Alluvial Bar Forest		
<i>Populus balsamifera</i> ssp. <i>trichocarpa</i> / <i>Symphoricarpos occidentalis</i> Forest		
<i>Populus balsamifera</i> ssp. <i>trichocarpa</i> Mesic graminoid Forest		
<i>Populus deltoides</i> - <i>Fraxinus pennsylvanica</i> Forest [Provisional]		
<i>Populus deltoides</i> / <i>Cornus sericea</i> Forest		
<i>Populus deltoides</i> / <i>Symphoricarpos occidentalis</i> Woodland		
<i>Populus deltoides</i> recent Alluvial Bar Forest		
<i>Populus tremuloides</i> - <i>Populus balsamifera</i> ssp. <i>trichocarpa</i> / <i>Osmorhiza occidentalis</i> Forest		
<i>Populus tremuloides</i> / <i>Amelanchier alnifolia</i> Forest		
<i>Populus tremuloides</i> / <i>Bromus cernatus</i> Forest		
<i>Populus tremuloides</i> / <i>Colamagrostis canadensis</i> Forest		
<i>Populus tremuloides</i> / <i>Calamagrostis rubescens</i> Forest		
<i>Populus tremuloides</i> / <i>Carex geyeri</i> Forest		
<i>Populus tremuloides</i> / <i>Cornus sericea</i> Forest		
<i>Populus tremuloides</i> / <i>Heracleum sphondylium</i> Forest		
<i>Populus tremuloides</i> / <i>Juniperus communis</i> Forest		
<i>Populus tremuloides</i> / <i>Malonia repens</i> Forest		
<i>Populus tremuloides</i> / <i>Osmorhiza occidentalis</i> Forest		
<i>Populus tremuloides</i> / <i>Physocarpus malvaceus</i> - <i>Amelanchier alnifolia</i> Scree Woodland		
<i>Populus tremuloides</i> / <i>Poa pratensis</i> Forest		
<i>Populus tremuloides</i> / <i>Prunus virginiana</i> Forest		
<i>Populus tremuloides</i> / <i>Symphoricarpos albus</i> Forest		
<i>Populus tremuloides</i> / <i>Symphoricarpos oreophilus</i> Forest		
<i>Populus tremuloides</i> / <i>Thalictrum fendleri</i> Forest		
<i>Populus tremuloides</i> Tall Forbs Forest		
<i>Polamogeton pectinatus</i> - <i>Myriophyllum spicatum</i> Herbaceous Vegetation		
<i>Polamogeton pectinatus</i> - <i>Ruppia maritima</i> Herbaceous Vegetation		
<i>Polamogeton pectinatus</i> - <i>Zannichellia polustris</i> Herbaceous Vegetation		
<i>Polamogeton richardsonii</i> - <i>Myriophyllum spicatum</i> Herbaceous Vegetation		
<i>Prunus virginiana</i> Shrubland		
<i>Pseudoroegneria spicata</i> - <i>Bouteloua curtipendula</i> Herbaceous Vegetation		
<i>Pseudoroegneria spicata</i> - <i>Bouteloua gracilis</i> Herbaceous Vegetation		
<i>Pseudoroegneria spicata</i> - <i>Carex filifolia</i> Herbaceous Vegetation		
<i>Pseudoroegneria spicata</i> - <i>Eriogonum brevicaulis</i> Sparse Vegetation		
<i>Pseudoroegneria spicata</i> - <i>Hesperostipa comata</i> Herbaceous Vegetation		
Narrowleaf cottonwood / skunk-bush sumac Woodland	G3	S?
Narrowleaf cottonwood / western snowberry Forest		S?
Narrowleaf cottonwood Recent Alluvial Bar Forest		S?
Black cottonwood / paper birch Forest	G?Q	S?
Black cottonwood / red osier dogwood Forest	G3?	S3?
Black cottonwood / common snowberry Forest	G2?	S4
Black cottonwood Recent Alluvial Bar Forest		S3
Black cottonwood / western snowberry Forest		S?
Black cottonwood / Mesic Graminoid Forest		SW
Plains cottonwood - green ash Forest	G2G3	S2Q
Plains cottonwood / red osier dogwood Forest	G2G3	S2S3
Plains cottonwood / western snowberry Woodland	G2G3	S2S3
Plains cottonwood / Mesic Graminoid Forest		SW
Plains cottonwood Recent Alluvial Bar Forest		S3
Quaking aspen - black cottonwood / western sweet-cicely Forest	G2Q	S2Q
Quaking Aspen / Saskatoon Serviceberry Forest	G4	S3
Quaking aspen / California brome Forest	G5	S?
Quaking aspen / bluejoint Forest	G3	S2
Quaking aspen / pinegrass Forest	G5?	S4
Quaking aspen / elk sedge Forest	G4	S?
Quaking aspen / red osier dogwood Forest	G4	S3
Quaking aspen / eltro Forest	G4Q	S2?
Quaking aspen / common juniper Forest	G4	S?
Quaking aspen / Oregon grape Forest	G3	S3
Quaking aspen / western sweet-cicely Forest	G3	S3?
Quaking aspen / mallow-leaf ninebark - saskatoon serviceberry Scree Woodland	G4Q	S4Q
Quaking aspen / Kentucky bluegrass Forest		S?
Quaking aspen / chokederry Forest	G3?Q	S?Q
Quaking Aspen / common Snowberry Forest	G3?	S3?
Quaking Aspen / mountain snowberry Forest	G5	S3
Quaking aspen / Fendler's meadowrue Forest	G5	S?
Quaking aspen / Tall Forbs Forest	G5	S3
Sago pondweed - water-milfoil Submerged Wetland	G3G4	S1Q
Sago pondweed - beaked ditch-grass Herbaceous Vegetation	G2?	S2Q
Sago pondweed - horned pondweed Submerged Wetland	G3?	S1Q
Claspingleaf pondweed - water-milfoil Herbaceous Vegetation	G2Q	S2Q
Chokecherry - (American plum) Shrubland	G4Q	S4
Bluebunch wheatgrass - sidecoats grama Mixedgrass	G3	S3
Bluebunch wheatgrass - blue grama Mixedgrass Prairie	G4	S3
Bluebunch wheatgrass - thread-leaved sedge Mixed Prairie	G4	S4
Bluebunch wheatgrass - short-stem wild buckwheat Sparse Vegetation	G3?	S2
Bluebunch wheatgrass - needle-and-thread Mixedgrass	G4	S3

<i>Pseudoroegneria spicata</i> - <i>Oryzopsis hymenoides</i> Herbaceous Vegetation			
<i>Pseudoroegneria spicata</i> - <i>Pascopyrum smithii</i> (<i>Elymus lanceolatus</i>) Herbaceous Vegetation			
<i>Pseudoroegneria spicata</i> - <i>Pascopyrum smithii</i> Herbaceous Vegetation			
<i>Pseudoroegneria spicata</i> - <i>Poa secunda</i> - <i>Stipa comata</i> Herbaceous Vegetation			
<i>Pseudoroegneria spicata</i> - <i>Poa secunda</i> Herbaceous Vegetation			
<i>Pseudoroegneria spicata</i> - Cushion plant Herbaceous Vegetation			
<i>Pseudotsuga menziesii</i> - <i>Pinus flexilis</i> / <i>Festuca kingii</i> Woodland			
<i>Pseudotsuga menziesii</i> / <i>Amelanchier alnifolia</i> Forest			
<i>Pseudotsuga menziesii</i> / <i>Arctostaphylos uva-ursi</i> Forest			
<i>Pseudotsuga menziesii</i> / <i>Arnica cordifolia</i> Forest			
<i>Pseudotsuga menziesii</i> / <i>Calamagrostis rubescens</i> Forest			
<i>Pseudotsuga menziesii</i> / <i>Carex geyeri</i> Forest			
<i>Pseudotsuga menziesii</i> / <i>Cercocarpus ledifolius</i> Woodland			
<i>Pseudotsuga menziesii</i> / <i>Cornus canadensis</i> Forest			
<i>Pseudotsuga menziesii</i> / <i>Cornus sericea</i> Woodland			
<i>Pseudotsuga menziesii</i> / <i>Festuca campestris</i> Woodland			
<i>Pseudotsuga menziesii</i> / <i>Festuca idahoensis</i> Woodland			
<i>Pseudotsuga menziesii</i> / <i>Juniperus communis</i> Forest			
<i>Pseudotsuga menziesii</i> / <i>Juniperus osteosperma</i> Forest			
<i>Pseudotsuga menziesii</i> / <i>Limniperus scopulorum</i> Woodland			
<i>Pseudotsuga menziesii</i> / <i>Limniperus borealis</i> Forest			
<i>Pseudotsuga menziesii</i> / <i>Mahonia repens</i> Forest			
<i>Pseudotsuga menziesii</i> / <i>Oryzopsis microantha</i> Woodland			
<i>Pseudotsuga menziesii</i> / <i>Physocarpus malvaceus</i> Forest			
<i>Pseudotsuga menziesii</i> / <i>Physocarpus monogynus</i> Forest			
<i>Pseudotsuga menziesii</i> / <i>Pseudoroegneria spicata</i> Woodland			
<i>Pseudotsuga menziesii</i> / <i>Purshia tridentata</i> Woodland			
<i>Pseudotsuga menziesii</i> / <i>Schizachyrium scoparium</i> Woodland			
<i>Pseudotsuga menziesii</i> / <i>Spiraea betulifolia</i> Forest			
<i>Pseudotsuga menziesii</i> / <i>Symphoricarpos albus</i> Forest			
<i>Pseudotsuga menziesii</i> / <i>Symphoricarpos occidentalis</i> Forest			
<i>Pseudotsuga menziesii</i> / <i>Symphoricarpos oreophilus</i> Forest			
<i>Pseudotsuga menziesii</i> / <i>Vaccinium cespitosum</i> Forest			
<i>Pseudotsuga menziesii</i> / <i>Vaccinium membranaceum</i> Forest			
<i>Pseudotsuga menziesii</i> / <i>Viola adunca</i> var. <i>adunca</i> Forest			
<i>Pseudotsuga menziesii</i> Sere Woodland			
<i>Puccinellia nuttalliana</i> Herbaceous Vegetation			
<i>Purshia tridentata</i> / <i>Festuca campestris</i> Shrub Herbaceous Vegetation			
<i>Purshia tridentata</i> / <i>Festuca idahoensis</i> Shrub Herbaceous Vegetation			
<i>Purshia tridentata</i> / <i>Pseudoroegneria spicata</i> Shrub Herbaceous Vegetation			
<i>Rhamnus alnifolia</i> Shrubland			
<i>Rhus trilobata</i> / <i>Calamovilfa longifolia</i> Shrub Herbaceous Vegetation			
Bluebunch wheatgrass - Indian ricegrass Mixedgrass	G3G4		S?
Bluebunch wheatgrass - western wheatgrass Herbaceous Vegetation			S4
Bluebunch wheatgrass - western wheatgrass Mixedgrass	G4		S4
Bluebunch wheatgrass - Sandberg's bluegrass - needle-and-thread Herbaceous Vegetation			S?
Bluebunch wheatgrass - Sandberg's bluegrass Mixedgrass	G4?		S4?
Bluebunch wheatgrass - cushion plant Herbaceous Vegetation	G3?		S3
Douglas fir - lumber pine / spike fescue Woodland	G4Q		S4Q
Douglas fir / serviceberry Forest	G2		S2
Douglas fir / knikinnick Forest	G4		S4
Douglas fir / heart-leaf arnica Forest	G4		S4
Douglas fir / pinegrass Forest	G5		S5
Douglas fir / elk sedge Forest	G4?		S4
Douglas fir / curl-leaf mountain mahogany Woodland	G4?		S?
Douglas fir / Canadian bunchberry Forest	G3		S3
Douglas fir / red oster dogwood Woodland	G4		S3
Douglas fir / rough fescue Woodland	G4		S4
Douglas fir / Idaho fescue Woodland	G4		S4
Douglas fir / common juniper Forest	G4		S4
Douglas fir / Utah juniper Forest	G2?		S2?
Douglas fir / Rocky Mountain juniper Woodland	G3		S3
Douglas fir / twinflower Forest	G4		S4
Douglas fir / Oregon grape Forest	G5		S3
Douglas fir / little-seed ricegrass Woodland	G2Q		S2
Douglas fir / mallow-leaf ninebark Forest	G5		S5
Douglas fir / mountain ninebark Forest	G4		S1S2
Douglas fir / bluebunch wheatgrass Woodland	G4		S4
Douglas fir / bitterbrush Woodland	G3Q		S3Q
Douglas fir / little bluestem Woodland	G1Q		S1?
Douglas fir / birchleaf spiraea Forest			S4
Douglas fir / snowberry Forest	G5		S5
Douglas fir / western Snowberry Forest	G3?		S3?
Douglas fir / mountain snowberry Forest	G5		S3
Douglas fir / dwarf huckleberry Forest	G5		S5
Douglas fir / big huckleberry Forest	G5?		S5
Douglas fir / Canada violet Forest	G3		S3
Douglas fir Sere Slope	G5		S4
Nuttall's alkali grass Herbaceous Vegetation	G3?		S?
Bitterbrush / prairie fescue Shrub Herbaceous Vegetation	G2?		S2?
Bitterbrush / Idaho fescue Shrub Herbaceous Vegetation	G3G5		S3
Bitterbrush / bluebunch wheatgrass Shrub Herbaceous Vegetation	G3		S2
Alderleaf buckthorn Shrubland	G3		S5
Skunk-brush sumac / prairie sandreed Shrub Prairie	G3Q		S3Q

Rhus trilobata / *Carex filifolia* Shrub Herbaceous Vegetation

Rhus trilobata / *Elymus lanceolatus* - *Nassella viridula* Shrub Herbaceous Vegetation

Rhus trilobata / *Festuca idahoensis* Shrub Herbaceous Vegetation

Rhus trilobata / *Pseudotsuga spicata* Shrub Herbaceous Vegetation

Rhus trilobata / *Schizachyrium scoparium* Shrub Herbaceous Vegetation

Rosa woodsii Shrubland

Salicornia rubra Herbaceous Vegetation

Salix amygdaloides Woodland

Salix arctica / *Polygonum bistortoides* Dwarf Shrubland

Salix bebbiana Shrubland

Salix boothii / *Calamagrostis canadensis* Shrubland

Salix boothii / *Carex utriculata* Shrubland

Salix boothii Mesic Graminoids Shrubland

Salix brachycarpa / *Carex aquatilis* Shrubland

Salix candida / *Carex lasiocarpa* Shrubland

Salix candida / *Carex utriculata* Shrubland

Salix drummondiana / *Calamagrostis canadensis* Shrubland

Salix drummondiana / *Carex utriculata* Shrubland

Salix drummondiana Mesic Forbs Shrubland

Salix drummondiana Shrubland

Salix exigua Barren Shrubland

Salix exigua Mesic Graminoids Shrubland

Salix exigua Temporarily Flooded Shrubland

Salix geyeriana / *Calamagrostis canadensis* Shrubland

Salix geyeriana / *Carex aquatilis* Shrubland

Salix geyeriana / *Carex utriculata* Shrubland

Salix geyeriana / *Deschampsia cespitosa* Shrubland

Salix geyeriana Mesic Graminoids Shrubland

Salix glauca Shrubland

Salix lucida ssp. *candata* Shrubland

Salix lutea / *Calamagrostis canadensis* Shrubland

Salix lutea / *Carex utriculata* Shrubland

Salix lutea / *Rosa woodsii* Shrubland

Salix planifolia / *Calamagrostis canadensis* Shrubland

Salix planifolia / *Carex aquatilis* Shrubland

Salix planifolia / *Carex nebrascensis* Shrubland

Salix planifolia / *Carex scopulorum* Shrubland

Salix planifolia / *Carex utriculata* Shrubland

Salix reticulata / *Caltha leptosepala* Dwarf Shrubland

Salix walfji / *Carex aquatilis* Shrubland

Skunk-bush sumac / thread-leaved sedge Shrub Prairie
Skunk-bush sumac / thickspike wheatgrass - green needlegrass Shrub Herbaceous Vegetation

Skunk-bush sumac / Idaho fescue Shrub Herbaceous Vegetation

Skunk-bush sumac / bluebunch wheatgrass Shrub Prairie

Skunk-bush sumac / little bluestem Shrub Prairie

Wood's rose Shrubland

Red Saltwort Herbaceous Vegetation

Peach-leaf willow Woodland

Arctic willow / American bistort Dwarf-shrubland

Bebb's Willow Shrubland

Booth's willow / bluejoint Shrubland

Booth's willow / beaked sedge Shrubland

Booth's willow / Mesic Graminoid Shrubland

Short-fruit willow / aquatic sedge Shrubland

Hoary willow / slender sedge Shrubland

Hoary willow / beaked sedge Shrubland

Drummond's willow / bluejoint Shrubland

Drummond's willow / beaked sedge Shrubland

Drummond's willow / Mesic Forbs Shrubland

Drummond willow Shrubland

Coyote willow / Barren Shrubland

Sandbar willow / Mesic Graminoid Shrubland

Sandbar willow Shrubland

Geyer willow / bluejoint Shrubland

Geyer's willow / aquatic sedge Shrubland

Geyer willow / beaked sedge Shrubland

Geyer willow / tufted hairgrass Shrubland

Geyer's willow / Mesic Graminoid Shrubland

Gray-leaf willow Shrubland

Shining willow Shrubland

Yellow willow / bluejoint Shrubland

Yellow willow / beaked sedge Shrubland

Yellow willow / Woods' rose Shrubland

Planeleaf willow / bluejoint Shrubland

Planeleaf willow / aquatic sedge Shrubland

Planeleaf willow / Nebraska sedge Shrubland

Planeleaf willow / Holm's Rocky Mountain sedge Shrubland

Planeleaf willow / Holm's Rocky Mountain sedge Shrubland

Planeleaf willow / beaked sedge Shrubland

Snow willow / marsh-marigold Dwarf-shrubland

Wolf willow / aquatic sedge Shrubland

G3 S3

S2S3?

S2?

S4

S3

S5

G2G3 S2?

S3

G2G3Q S2S3

G3? S3?

SR

S4

S?

S?

G2G3 S?

S?

S3

S5

S5

S5

S4

S?

S5

S5

S4

S?

S5

S5

S3

S?

S2

S3

G3Q S3?

S4

S?

S?

S3

S?

S?

S?

S2

S3

<i>Salix wolfii</i> / <i>Deschampsia cespitosa</i> Shrubland	Wolf willow / tufted hairgrass Shrubland	G3	S3
<i>Sandstone Great Plains xeric butte - Bluff Sparse Vegetation</i>	Great Plains Xeric Sandstone Butte	G7?	S?
<i>Sarcobatus vermiculatus</i> / <i>Artemisia tridentata</i> Shrubland	Greasewood / big sagebrush Shrubland	G4	S4
<i>Sarcobatus vermiculatus</i> / <i>Atriplex gardneri</i> Shrubland	Greasewood / Gardiner saltbush Shrubland	G4?	S3
<i>Sarcobatus vermiculatus</i> - <i>Distichlis spicata</i> Shrubland	Black greasewood / saltgrass Shrubland	G4	S2
<i>Sarcobatus vermiculatus</i> - <i>Leymus cinereus</i> Shrubland	Greasewood / basin wildrye Shrubland	G3	S2S3
<i>Sarcobatus vermiculatus</i> / <i>Pascopyrum smithii</i> Shrub Herbaceous Vegetation	Greasewood / western wheatgrass - (thickspike wheatgrass) Shrub Prairie	G4	S4
<i>Sarcobatus vermiculatus</i> / <i>Pseudoroegneria spicata</i> Shrubland	Greasewood / bluebunch wheatgrass Shrubland	G3	S3
<i>Schizachyrium scoparium</i> - <i>Bouteloua (curtipendula, gracilis)</i> / <i>Carex filifolia</i> Herbaceous Vegetation	Northern Great Plains little bluestem Prairie	G3G4	S?
<i>Schizachyrium scoparium</i> - <i>Carex inops</i> ssp. <i>heliophila</i> Herbaceous Vegetation	Little bluestem - sun sedge bunchgrass Prairie	G3	S3
<i>Schizachyrium scoparium</i> - <i>Muhlenbergia cuspidata</i> Herbaceous Vegetation	Little bluestem - plains muhly Herbaceous Vegetation	G3?	S2
<i>Scirpus acutus</i> Herbaceous Vegetation	Bulrush Marsh	G5	S5
<i>Scirpus maritimus</i> Herbaceous Vegetation	Alkali bulrush Marsh	G4	S4
<i>Scirpus pungens</i> Herbaceous Vegetation	Bulrush Wet Meadow	G3G4	S3
<i>Scirpus tabernaemontani</i> Temperate Herbaceous Vegetation	Softstem bulrush Temperate Herbaceous Vegetation	G5	S3
<i>Scolochloa festuacea</i> Herbaceous Vegetation	Sprangletop Herbaceous Vegetation	G4G5	S?
<i>Senecio triangularis</i> Herbaceous Vegetation	Arrowleaf ragwort Herbaceous Vegetation	G5?	S3?
<i>Shepherdia argentea</i> Shrubland	Buffaloberry Shrubland	G3G4	S3?
<i>Silene acaulis</i> Herbaceous Vegetation	Cushion pink Herbaceous Vegetation	G5?	S5
<i>Sparganium angustifolium</i> Herbaceous Vegetation	Greenfruit bur-reed Herbaceous Vegetation	G4	S?
<i>Spartina gracilis</i> Herbaceous Vegetation	Alkali cordgrass Herbaceous Vegetation	GU	S?
<i>Spartina pectinata</i> - <i>Calamagrostis stricta</i> - <i>Carex</i> spp. Herbaceous Vegetation	Prairie cordgrass - western bluejoint - sedge spp. Herbaceous Vegetation	G3?	S?
<i>Spartina pectinata</i> - <i>Carex</i> spp. Herbaceous Vegetation	Prairie cordgrass - Sedge Wet Meadow	G3?	S3
<i>Spartina pectinata</i> - <i>Scirpus pungens</i> Herbaceous Vegetation	Prairie cordgrass - bulrush Wet Meadow	G3?	S3
<i>Spartina pectinata</i> western Herbaceous Vegetation	Prairie cordgrass Western Herbaceous Vegetation	G3?	S3?
<i>Spiraea douglasii</i> Shrubland	Douglas' spiraea Shrubland	G5	S4
<i>Sporobolus airoides</i> Herbaceous Vegetation	Alkali sacaton Southern Plains grassland	G3Q	S2
<i>Sporobolus airoides</i> Northern Plains Herbaceous Vegetation	Alkali sacaton Northern Plains Herbaceous Vegetation	G?	S2
<i>Sporobolus cryptandrus</i> Shrub Herbaceous Vegetation	Sand dropseed Shrub Prairie	G2	S2
<i>Stipa comata</i> - <i>Bouteloua gracilis</i> - <i>Carex filifolia</i> Herbaceous Vegetation	Needle-and-thread - blue grama Mixedgrass Prairie	G5	S?
<i>Stipa comata</i> - <i>Bouteloua gracilis</i> - <i>Pascopyrum smithii</i> Herbaceous Vegetation	Needle-and-thread - blue grama - western wheatgrass Herbaceous Vegetation		S?
<i>Stipa comata</i> - <i>Carex filifolia</i> Herbaceous Vegetation	Needle-and-thread - threadleaf sedge Herbaceous Vegetation	G4	S4
<i>Stipa comata</i> - <i>Carex inops</i> ssp. <i>heliophila</i> Herbaceous Vegetation	Needle-and-thread - sun sedge Mixedgrass Prairie	G4	S?
<i>Stipa comata</i> - <i>Muhlenbergia cuspidata</i> Herbaceous Vegetation	needle-and-thread - plains muhly Herbaceous Vegetation		S?
<i>Stipa comata</i> - <i>Psoraleidium lanceolatum</i> Herbaceous Vegetation	Needle-and-thread - lemon scruplea Herbaceous Vegetation		S?
<i>Stipa comata</i> - <i>Psoraleidium tenuiflorum</i> Herbaceous Vegetation	Needle-and-thread - smokebush Herbaceous Vegetation		S?
<i>Symphoricarpos occidentalis</i> Shrubland [Provisional]	Western snowberry Shrubland	G4G5	S4S5
<i>Tamarix</i> spp. Temporarily Flooded Shrubland [Provisional]	Tamarisk spp. Temporarily Flooded Shrubland	GW	SW
<i>Thuja plicata</i> / <i>Aralia nudicaulis</i> Forest	Western red cedar / wild sarsaparilla Forest	G2	S?
<i>Thuja plicata</i> / <i>Asarum canadatum</i> Forest	Western red cedar / longtail wild ginger Forest	G5	S1
<i>Thuja plicata</i> / <i>Athyrium filix-femina</i> Forest	Western red cedar / lady fern Forest	G3G4	S3
<i>Thuja plicata</i> / <i>Clintonia uniflora</i> Forest	Western red cedar / queen's cup beadrillyForest	G4	S4

<i>Thuja plicata</i> / <i>Gymnocarpium dryopteris</i> Forest	Western red cedar / western oakfern Forest	G3	S3
<i>Thuja plicata</i> / <i>Oplaxmax harridus</i> Forest	Western red cedar - (western hemlock) / devil's-club Forest	G3	S3
<i>Triglochin maritimum</i> Herbaceous Vegetation	Seaside arrow-grass Herbaceous Vegetation	GU	S?
<i>Tsuga heterophylla</i> / <i>Asarum caudatum</i> Forest	Western hemlock / longtail wild ginger Forest	G4	S2
<i>Tsuga heterophylla</i> / <i>Clintonia uniflora</i> Forest	Western hemlock / queen's cup beadlily Forest	G4	S3
<i>Tsuga heterophylla</i> / <i>Gymnocarpium dryopteris</i> Forest	Western hemlock / western oakfern Forest	G3G4	S2
<i>Tsuga mertensiana</i> / <i>Clintonia uniflora</i> Forest	Mountain hemlock / queen's cup beadlily Forest	G3	S3
<i>Tsuga mertensiana</i> / <i>Luzula glabrata</i> var. <i>hitchcockii</i> Forest	Mountain hemlock / smooth woodrush Forest	G5	S2
<i>Tsuga mertensiana</i> / <i>Menziesia ferruginea</i> Forest	Mountain hemlock / fool's-huckleberry Forest	G4	S3
<i>Tsuga mertensiana</i> / <i>Xerophyllum tenax</i> Forest	Mountain hemlock / beargrass Forest	G4	S4
<i>Typha latifolia</i> Western Herbaceous Vegetation	Broad-leaved cattail Marsh	G5	S5
<i>Yucca glauca</i> / <i>Calamovilfa longifolia</i> Shrub Herbaceous Vegetation	Yucca / prairie sandreed Shrub Prairie	G4	S4
<i>Yucca glauca</i> / <i>Pseudoroegneria spicata</i> Shrub Herbaceous Vegetation	Yucca / bluebunch wheatgrass Shrub Prairie	G4Q	S4Q
Alpine Fellfield (Dry)	Alpine Fellfield (Dry)		S?
Alpine Fellfield (Moist)	Alpine Fellfield (Moist)		S?

